

20020404.qrp v02_n515.qrl.20020404

Date: Thu, 4 Apr 2002 19:03:08 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2515

QRP-L Digest 2515

Topics covered in this issue include:

- 1) [123924] FS Bull Dog Paddle
by William K Penhallegon <w4stx@juno.com>
- 2) [123925] 1208 transverter sold
by "Joe W2KJ" <w2kj@earthlink.net>
- 3) [123926] Air variable wanted
by Davewb4@aol.com
- 4) [123927] AM/SSB receive on the DSW w/ moderately wide i.f.
by "Bill, N4QA" <n4qa@hotmail.com>
- 5) [123928] Dayton Trips?
by "Dan Reynolds" <bcdlr@insightbb.com>
- 6) [123929] Re: zonealarm
by tailfeathers@juno.com
- 7) [123930] FS: QRP rigs and acc.
by "Walter AG5P" <walter@cowboy.com>
- 8) [123931] Re: Dayton Trips?
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- 9) [123932] Re: WPX Contest Callsign Lookup
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- 11) [123934] Snake antenna in 9M land
by "Stuart Rohre" <rohre@arlut.utexas.edu>
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- 13) [123936] A vertical dipole over water, or with lower element insulated but
under surface of water
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- 14) [123937] Atlanticon - technical presentations
by "George Heron N2APB" <n2apb@erols.com>
- 15) [123938] Increasing resistance of old resistors
by Mike Czuhajewski <wa8mcq@comcast.net>
- 16) [123939] Re: SMT Parts Bonanza
by John Wagner <john@wagner-usa.net>
- 17) [123940] Problem w 17m HB SSB TX
by Bill Meara <n2cqr@clix.pt>
- 18) [123941] Re: neat morse page
by "Dave Fifield" <dave@redhotradio.com>

19) [123942] Re: [fpqrp] Dayton Advice
by Dan Puckett <wd8aau@woh.rr.com>

20) [123943] Success moving FT-243's on 7030 & 7040 QRP Central & 7090 Local net
by w4clm.ham@juno.com

21) [123944] 2X QRP DX 20 meters
by N4SKS@cs.com

22) [123945] Tiny Tornado
by MITCHELLRI@aol.com

23) [123946] Chesapeake Light Ship Operation April 5, 2002
by "Ron Polityka" <wb3aal@fast.net>

24) [123947] Datasheet locator web page
by "Dave Ek" <ekdave@earthlink.net>

25) [123948] Arkiecon Help
by "Ron Polityka" <wb3aal@fast.net>

26) [123949] tiny tornado info request
by Gary Lee <kb9zuv@arrl.net>

27) [123950] zonealarm
by "carl seyersdahl" <carlseye@tampabay.rr.com>

28) [123951] How to use MMANA for Mobile Ants?
by <mpupeza@sympatico.ca>

29) [123952] Re: Datasheet locator web page
by "Ingo, DK3RED" <dk3red@t-online.de>

30) [123953] Re: zonealarm
by John Wagner <john@wagner-usa.net>

31) [123954] VP6DI Log
by RLeimmel@aol.com

32) [123955] LDG Z-11 tuners on sale at Ten-Tec
by "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>

33) [123956] Some Notes of Thumps
by Chuck Adams <k7qo@earthlink.net>

34) [123957] Re: Tiny Tornado
by "K7FD N7SG" <k7fd@hotmail.com>

35) [123958] Re: Some Notes of Thumps
by "John J. McDonough" <wb8rcr@arrl.net>

36) [123959] Re: Success moving FT-243's on 7030
by "Mike Branca" <w3irz@att.net>

37) [123960] Re: Success moving FT-243's on 7030
by "W2WU" <w2wurjj@verizon.net>

38) [123961] Re: zonealarm
by "Rob Matherly" <kc0bom@arrl.net>

39) [123962] WPX Callsigns
by "Phinizy, William" <wphinizy@filenet.com>

40) [123963] Tandy Model 100/200 code
by "Niel Skousen" <skousen@srv.net>

41) [123964] Any QRP'ers going to NAB in Vegas?
by "Mike Boatright" <ko4wx@mindspring.com>

42) [123965] Re: Fw: Small Wonder Labs DSW Rigs -- a seller's market and SSB
receive mod

- by K1VP <k1vp@grizzly.com>
- 43) [123966] RE: Iambic Keying 101 --- Part 1
by "James P. Osburn, P.E." <j.p.osburn@ieee.org>
- 44) [123967] Re: Tandy Model 100/200 code
by "Bob Tellefsen" <n6wg@earthlink.net>
- 45) [123968] Re: Success moving FT-243's
by w4clm.ham@juno.com
- 46) [123969] F/S Century 21 analog at Atlanticon
by "n2cx" <n2cx@voicenet.com>
- 47) [123970] Microphone for Index Labs QRP+ ?
by "K. Edwards" <n3eeg@hotmail.com>
- 48) [123971] 40m Ft-243 xtals
by larrykosch@glasscity.com
- 49) [123972] Re: Iambic Keying 101 --- Part 1
by "James P. Osburn, P.E." <j.p.osburn@ieee.org>
- 50) [123973] Re: [NJQRP] F/S Century 21 analog at Atlanticon
by "ROBERT EVANS" <revans@sarnoff.com>
- 51) [123974] ArkieCon Prize list update
by "Jay Bromley" <w5jay@alltel.net>
- 52) [123975] 40m Ft-243 xtals
by KKANALZ@prodigy.net
- 53) [123976] FS/ Trade Argonaut II Sr.
by <n2go@arrl.net>
- 54) [123977] [CONTEST] N2CQ QRP Contest Calendar - Apr 5-28
by Ken Newman <N2CQ@dandy.net>
- 55) [123978] Re: WPX Callsigns
by Steven Weber <kd1jv@moose.ncia.net>
- 56) [123979] State #9 Falls
by Larry Cahoon <lejek@erols.com>

Date: Wed, 3 Apr 2002 18:59:25 -0500
From: William K Penhallegon <w4stx@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [123924] FS Bull Dog Paddle
Message-ID: <20020403.185959.-790945.0.w4stx@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

For Sale Bull Dog Paddle, Rev 1, like new with cable and plug.
\$12.00, includes shipping in CONUS

72,
Bill
W4STX

Date: Wed, 3 Apr 2002 19:03:00 -0500
From: "Joe W2KJ" <w2kj@earthlink.net>
To: "qrp-1" <qrp-1@lehigh.edu>
Subject: [123925] 1208 transverter sold
Message-ID: <001a01c1db6c\$1628ad40\$6534323f@cdcvh01>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Many thanks to those who responded to my for sale note about the TenTec 1208 transverter. It has been sold. I will keep backup names/callsigns if the deal doesn't go thru.

73, Joe W2KJ

Date: Wed, 3 Apr 2002 19:04:52 EST
From: Davewb4@aol.com
To: qrp-1@lehigh.edu
Subject: [123926] Air variable wanted
Message-ID: <d6.14792f73.29dcf2a4@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi All: Looking for a dual section air variable 20-200pf (approx.) each section for plate load so needs to handle about 2.0kv. Buy or trade

73

Dave Rogers
WB4CHK
Plantation FL

Date: Wed, 03 Apr 2002 19:26:42 -0500
From: "Bill, N4QA" <n4qa@hotmail.com>
To: qrp-1@lehigh.edu
Subject: [123927] AM/SSB receive on the DSW w/ moderately wide i.f.
Message-ID: <F1802k4GbvK30K0RaK500021fc8@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Gang,

For a couple of years now, I've been receiving AM/USB/LSB signals with my band of DSWs by bypassing only Y1 and Y2(the first two i.f. xtals).

This may simply be done with an on-off switch connected from the 'input' side of Y1 to the 'output' side of Y2.

Switch off for normal CW reception...switch on for AM/USB/LSB reception.

This allows sufficient passband without leaving the i.f. WFO (Wide Full Open) which not only passes on-freq AM/USB/LSB sigs but just about everything from everywhere as well :) .

This mod is a little trickier to do since one must gain access to the bottom of the PWB.

Just one more 'method'...

73.

Bill, N4QA

MSN Photos is the easiest way to share and print your photos:

<http://photos.msn.com/support/worldwide.aspx>

Date: Wed, 3 Apr 2002 18:28:36 -0600

From: "Dan Reynolds" <bcdlr@insightbb.com>

To: "qrp-L Reflector \(\qrp-L Reflector\)" <qrp-l@Lehigh.EDU>

Subject: [123928] Dayton Trips?

Message-ID: <000601c1db6f\$a8dbbb70\$0100a8c0@c1641599a>

MIME-Version: 1.0

Content-Type: text/plain;
charset="us-ascii"

Content-Transfer-Encoding: 7bit

Does anyone know of any clubs having bus trips to Dayton from anywhere around the central IL area? Or even going through this area? I really want to go but can't drive our only car over there. I've never been to Dayton and would like to go.

Dan Reynolds KB9JL0

Date: Wed, 3 Apr 2002 17:44:08 -0700

From: tailfeathers@juno.com

To: carlseye@tampabay.rr.com

Cc: qrp-l@Lehigh.EDU

Subject: [123929] Re: zonealarm

Message-ID: <20020403.174535.-1451333.4.tailfeathers@juno.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

It is probably spyware that lets someone know what you do on the net.

Get Adaware to get rid of that stuff.

Gary

On Wed, 3 Apr 2002 18:09:13 -0500 "carl seyersdahl"
<carlseye@tampabay.rr.com> writes:
> I'm not sure , but I think my zonealarm is working now. It keeps
> asking
> about something called I-stream, which apparently is in my computer
> and is
> constantly trying to comunicate with the 'net. Does anyone know
> what
> I-stream is????
> carl / kz5ca
>
>

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Date: Wed, 3 Apr 2002 17:40:49 -0700
From: "Walter AG5P" <walter@cowboy.com>
To: <qrp-1@Lehigh.EDU>
Subject: [123930] FS: QRP rigs and acc.
Message-ID: <200204031740.AA412745862@mail.cowboy.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hi all, have to make some more room in the little shack. So
the following are for sale and shipping is included in the prices.

Oak Hills Research (OHR) Explorer II Transceiver (superhet)
for 20 meters, works great and looks great. Has the variable
bandwidth and RIT. With power cord. Have not found the
manual, so no manual (yet !) Shipped UPS to CONUS
for \$55.00.

OHR Wattmeter WM-1, this is the QRP classic, works great, the face and back look good, the black case cover could be repainted since it has a couple of paint scrape places. Manual. Shipped UPS to CONUS for \$55.00.

OHR Sprint II Transceiver (DC) for 40 meters plus the keyer kit. This is a partial built kit with the case and needs finishing, AND included is an unbuilt OHR iambic keyer kit that currently sells for \$39.95. Manual. Shipped UPS to CONUS for \$50.00.

MFJ-462B Multi-reader. 2x16 LCD display or attach the RS-232 cable for output to a printer. Decodes rtty, ascii, cw, & amtor. This URL
will
allow you to see the unit at the MFJ website.
<http://www.mfjenterprises.com/products.php?prodid=MFJ-462B>
The unit has been used two times for Ham Radio talks and demo's to prospective Hams at meetings. Looks good and works good. Currently sells for \$179. Offered with the printer cable and Shipped via UPS in CONUS for \$79.00

PS-7K regulated power supply, 13.8vdc with 5 amps constant. This is built by Pyramid and is short circuit protected and fused. Color is gray with white lettering. Works and looks good. Shipped UPS to CONUS for \$26.00.

Please contact me by private email. Thanks for reading.
72/73 Walter Dufrain, AG5P.....Wright City, MO
walter@cowboy.com

Date: Wed, 3 Apr 2002 21:12:21 -0500 (EST)
From: "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
To: Dan Reynolds <bcdlr@insightbb.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [123931] Re: Dayton Trips?
Message-ID: <Pine.LNX.4.44.0204032111511.8933-1000000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Someone will give you a ride for sure.

I'm a little too far west though.

On Wed, 3 Apr 2002, Dan Reynolds
wrote:

> Does anyone know of any clubs having bus trips to Dayton from anywhere
> around the central IL area? Or even going through this area? I really
> want to go but can't drive our only car over there. I've never been to
> Dayton and would like to go.
> Dan Reynolds KB9JL0
>

--

Scott Rosenfeld ARS N7JI
541-684-9970 Eugene, OR Land o' much rain
If you find me on the air, I'm probably in my car
ham@w3eax.umd.edu <http://w3eax.umd.edu/~ham>

Date: Wed, 03 Apr 2002 20:45:50 -0600
From: Lew Paceley <lew@paceley.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [123932] Re: WPX Contest Callsign Lookup
Message-ID: <003401c1db82\$d512e020\$6501a8c0@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=Windows-1252
Content-transfer-encoding: 7BIT

Hi Bill,
I've found Buckmaster's online site to be a huge help in looking up DX
callsigns. Both LU5HM and L75FM (LU4FM) are on the site. Check it
out at
http://www.buck.com/cgi-bin/do_hamcallexe

I'm at 86 entities now for my QRP DXCC after about 60 days effort.
About 55 entities came from contests.

GL es

72/73,
Lew
N5ZE

Date: Wed, 03 Apr 2002 22:29:25 -0500
From: Chuck Ludinsky <cjl@mitre.org>
To: neqrp@jonal.net, qrp-1@lehigh.edu
Subject: [123933] NEQRP CW Net, 04 April 2002, 8:30PM EST, 3.565 MHz
Message-ID: <3CABC895.E71404CA@mitre.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The New England QRP Club's WQ1RP CW net meets again Thursday night, 4 April 2002, at 8:30 PM EST (0130Z, 5 Apr 02) on or near 3.565 MHz. Net control operator for this week's session will be Ed, AB1CW (formerly AA5JO), operating from Tyngsboro, MA.

Stop by and say hello to Ed (AB1CW - great call, isn't it) and everyone on the net.

72 DE K1CL,
Chuck.

Date: Wed, 3 Apr 2002 21:29:53 -0600
From: "Stuart Rohre" <rohre@arlut.utexas.edu>
To: <qrp-1@Lehigh.EDU>
Subject: [123934] Snake antenna in 9M land
Message-ID: <00b201c1db88\$fc63d200\$4e100a0a@rohredt2000>

Should have sent this on 1 Apr. but it is a true story.

December 1965, flying from Hong Kong on Comet IV to Singapore and on to teach in Malaysia.

This was the only flight each 6 weeks that stopped in Jesselton, North Borneo. (Now Kota Kinabalu, if you want to look this up in an atlas.)

We stopped in late afternoon there to refuel, and the crew got down and had tea with the passengers in the Airport canteen. (Those were the days of flying!) I admired a nice tripod radio tower they had at the airport, and one of the crew remarked that they had had a radio outage in spite of the nice tall antenna. Seems when the radio mechanic went around to check it out, he saw something up the tower and climbed up to find a rather large snake shorted out to the transmitting antenna. Removed snake and restored radio service. All spoken in typical British understatement!

This was the airport where upon reboarding, we waited some 20 minutes, with engines turning, to take off. As I knew we were the only flight scheduled

for the next 6 weeks, I asked the stewardess what the hold up was. She said "they are lighting the runway lights for us, since it is sunset." (It gets dark quick down there). I replied, "how long does it take to throw a switch and turn on a light?" She said, "You don't understand, please look out the window". I did. There was a guy in a turban running along the runway side, lighting smudge pots with a torch! "Oh," was all I could say. We took off in the growing dark, and winged our way on to Singapore, a beautiful and modern city even then.

The only other surprise in that long day, was on the twin engine turboprop Fokker F27 flying that night on up to Kuala Lumpur, capital of Malaysia. My first "culture shock" that we had been warned to expect, (but THIS was not covered in our training), was seeing every little town had a main road lighted with mercury vapor street lights!

72,

Stuart K5KVH, ex 9M2SM

Date: Wed, 3 Apr 2002 21:29:09 -0700
From: "Walter AG5P" <walter@cowboy.com>
To: <qrp-1@Lehigh.EDU>
Subject: [123935] RE:FS: QRP rigs and acc.
Message-ID: <200204032129.AA294125878@mail.cowboy.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

The OHR WM-1 has been sold. Thanks to all that inquired.

72/73 Walter, AG5P

Date: Wed, 3 Apr 2002 22:29:45 -0600
From: "Stuart Rohre" <rohre@arlut.utexas.edu>
To: <qrp-1@Lehigh.EDU>
Subject: [123936] A vertical dipole over water, or with lower element insulated but under surface of water
Message-ID: <00f601c1db91\$592a4d90\$4e100a0a@rohredt2000>

gang,

As more experimentation is being done on the Buoy that is going to try the Folded, Conical Helical antenna later this month, we also are investigating other options. Initial testing with a quarter wave or loaded whip, (lower

part a fiberglass helical coil), showed disappointingly high SWR, and bad impedance match to 50 ohm RG 58 of about 2 feet feeding the transceiver. (Ft 817 modified). And that was in air, about 3 feet above our limestone back lot.

I suggested we explore making the antenna a half wave vertical dipole, as the buoy is about two feet in diameter, and has a hollow core for wires to go down to the batteries in the bottom of this spar buoy. I suggested we sleeve the wires with braid as the lower element of a half wave, and see what the effect of half of the dipole being dry, but below the surface of the ocean might be.

Now, we do not have the lab on the ocean, but we do have our own test tank out back, a little old swimming hole with a redwood wine tank in it 60 feet in diameter and 40 feet deep. We figured that any conductive effect of fresh water in the tank would only be magnified by sea water.

Well, Lew W5IFQ, hoisted the spar buoy up on the crane over the tank, and carefully measured the vertical dipole in out of the water, (but inside the buoy for the half element length). Feed point was at top of buoy. We also made a half wave line coming off at right angles to allow the antenna analyzer to inspect the feedpoint Z. Looked good, and low SWR up in the air, supporting the buoy with non conducting straps off the crane hook way up 5 stories above us..

Then we floated the buoy. Uh Oh! SWR with buoy antenna half, mostly below water surface but inside dry buoy, was 12:1! Z was way off. The resonant frequency that we had cut by formula in air, was also shifted. The buoy floats with feedpoint about 18 inches out of the water. A diver helper, pushed the buoy top down to almost enter the water, and this would shift the resonance as you would expect. The water column outside the pvc buoy case is acting as an RF choke, for all intents and purposes. This was at 30 MHz.

Then, Lew got some ground braid. He let it touch the chassis of the transceiver cage, and drape over the side of the PVC buoy pipe into the water tank. SWR came down with two straps, and Z was back where it should be. We will use two stainless steel straps to contact the salt water down at the beach. Have to have something rugged as launching a buoy off work boat causes it to bang up against the hull, and you can't have horizontal radials and do that.

I have suggested a plan two, that would take a couple of Steel measuring tapes and make flexible radials out of them for elevated radials, or gull wing radials. (See Force 12 Antennas web site, <force12.com> for explanation of gull wing radials in the K5K operation.) Likely, they would be loaded radials, as the tapes would not self support at full length of a quarter wave.

The case for the Folded Conical Helical is getting stronger, as it would sit on top of the buoy with only the low profile of the 13 inch high model, or possible the newest, which is only 6 inches high. We would still use the stainless steel straps to water, and make them radials.

I also have plan three, which is an inverted inverted vee helical loaded dipole, or Vee dipole. The Vee might be able to work on this rather tall buoy, as it is balanced to hang vertical in the water column. Washover, though was a concern, that the fiberglass coated helicals "might" solve. We likely will kludge up a test version of that out of water first, and see what the field from such close spaced dipole elements might be. Lew said he would model it too. He is taking L. B. Cebik's new modeling course interactively thru ARRL.

Some of the issues here are we have some computer stuff that has to work in this RF field. RF in the shack as it were!

72,

Stuart K5KVH

Date: Wed, 3 Apr 2002 23:51:23 -0500
From: "George Heron N2APB" <n2apb@erols.com>
To: ". Eastern PA QRP Club" <EPA-QRP@yahooogroups.com>,
"NJQRP" <njqrp@njqrp.org>, "QRP-L" <qrp-l@lehigh.edu>
Subject: [123937] Atlanticon - technical presentations
Message-ID: <008d01c1db94\$641783f0\$2cc93ad0@GHLTP4>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well folks, we're down to the short strokes now in preparing for the gala Atlanticon QRP event this weekend in Baltimore, MD. There's still rooms available in the hotel and you can surely register at the door for the QRP weekend with us.

I've been going crazy with planning and details and getting the Proceedings to the printer, and ordering coffee for Saturday's talks, and ... and I just realized that we hadn't fully shared with everyone the remaining technical topics for Saturday's presentations.

Two were shared previously ...

1) Jim Kortge, K8IQY is presenting a paper entitled "Simplified Tools and Methods for Measuring Crystals". It describes an approach for measuring

crystal parameters using relatively simple test apparatus and test setups. Some of the required test instruments are easily built using Manhattan-style construction methods. Others can be obtained on the surplus market at low cost. With careful use the resulting crystal parameter values are comparable in accuracy to those measured with instruments costing thousands of dollars. The same instruments and setup can also be used for measuring crystals for use in multi-pole filters.

2) Dave Gauding, NF0R is presenting his latest "Trailside QRP Station". After waiting fifteen years for just the right portable single-band CW rig to come along, he finally gave up and crafted his own. Starting with a DSW-20 transceiver, Dave Gauding added mod after mod to realize his expectations for a truly high-performance portable station. His presentation is decidedly non-technical and easy to follow. It will include several of the highly-portable homebrew vertical antennas that accompany him to the field and other uniquely "St. Louis" projects.

And the other "fab four" guys' topics are ...

3) Dave Benson, K1SWL is presenting some of his work over last summer and fall. With the sudden freedom to spread out after his move into a new home, it proved irresistible to do a little antenna-farming. Dave will review the fundamentals of practical antenna design and will be touching mainly on dipoles and their derivatives.

4) Joe Everhart, N2CX is presenting an overview of the usage of circuit simulation tools (like WinSPICE). Powerful personal computers now make it possible and downright easy to model even complex RF circuits in software. By doing this, one can do a whole slew of 'what if?' exercises to try out wild ideas to see if they have any merit without the expense of buying oddball parts, the tedium of wiring and rewiring trial circuits and the mind-deadening exercise of tweaking. In short, you can 'build' a circuit in software, tune it with a keyboard and crank up the power all in a couple of hours to see how good you can get it. Then, once you see what can be done, you can build the physical "real" circuit and do the final tweaking.

5) Paul Harden, NA5N is presenting The Handiman's Guide to QRP Transmitters. This talk (and paper) covers various aspects of QRP transmitters. It begins with general transmitter theory and some considerations not often discussed in amateur literature, to some design steps and reference information, whether you wish to design your own QRP transmitter or just wonder how they work. Hopefully it will take some of the mystery out of the "black secrets" of transmitters.

6) Ron Polityka, WB3AAL is presenting a wonderful overview of why and how he takes to the field in operating QRP on the Appalachian Trail. He has a great set of photos, tips and hiking vendor recommendations to share with the audience, and I guarantee you that you'll be itching to get out in the bush

after hearing Ron explain the way he regularly does it.

Recall that these presentations are contained in the printed Proceedings, and you must be there to get your copy. Others may order the Proceedings after the weekend, but they are in limited supply - just the "over printings" are being sold, not a stock of hundreds. This will again be quite the collector's item.

Full Atlanticon details (hotel location, phone number, weekend agenda, etc.) is located online at <http://www.njqrp.org/atlanticon> .

73, George N2APB
n2apb@amsat.org

Date: Thu, 04 Apr 2002 00:44:27 -0500
From: Mike Czuhajewski <wa8mcq@comcast.net>
To: qrp-1@Lehigh.EDU
Cc: wa8mcq@comcast.net, kartys@ncr.disa.mil
Subject: [123938] Increasing resistance of old resistors
Message-ID: <001f01c1db9b\$c8d4fd20\$33333044@gambrl01.md.comcast.net>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

The latest QST, April 02, has an interesting item in the Technical Correspondence section on page 70. Aaron Karty, KD4BYW, talks about old carbon composition resistors increasing in resistance with age, especially if they're kept in storage for long periods of time. I noticed a long time ago that this type of resistor sometimes has a value that was over the tolerance marked on it.

He attributes this to moisture absorbed over the years by resistors in storage. He also notes that resistors in operational electronic equipment tend to increase less since the heat generated during operation tends to drive off moisture. He described some tests he did with several batches of resistors known to have been in storage for various lengths of time. Some were known to be at least 15 years old, some at least 30, and some about 45 years.

Carbon composition resistors are made from powdered carbon and a powdered insulating material mixed together in a resin binder. He theorizes that as the units absorb moisture the insulating material swells a bit, preventing some of the carbon particles from making good contact with each other.

Finally, he describes how he was able to reverse the increase by heating two

resistors for a couple of weeks to dry them out. He wrapped them in aluminum foil and put them by the pilot light of a gas range, where they were kept at around 85 degrees C, and checked their resistance on a daily basis. (This is a man after my own heart; this sounds like the sorts of experiments I do sometimes!)

If you have a copy of the April 2002 QST, I'd recommend reading his letter. It's an interesting topic. This type of resistor has pretty much faded from sight with other types taking over, but there are probably still a gazillion of them sitting around waiting to be used some day. The bottom line should be "trust, but verify." It wouldn't be a bad idea to check the resistance of any old carbon composition resistor that you use, to make sure it's still close to the original value.

There's an interesting acknowledgement at the end of the letter. He thanks his dad who packratted the resistors for 45 years. That's N5SK, Steve Karty, a qrp-l member :-)

Note to Steve: ask him if he wants some ceramic caps (0.001 uF, I think) that are guaranteed to be at least 30 years old :-). I bought them at the Dayton Hamvention in 1972, when I was stationed there (USAF, at Gentile Air Force Station, not across town at Wright-Pat) and I carried them around the States and on 3 foreign tours of duty. (They stayed in the States during a 4th overseas tour.) Never used a single one, either :-)

73 and queue our pea DE WA8MCQ

Date: Thu, 04 Apr 2002 00:30:29 -0500
From: John Wagner <john@wagner-usa.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [123939] Re: SMT Parts Bonanza
Message-ID: <B8D14F25.15AB%john@wagner-usa.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Pardon the bandwidth;

Gang, I just did a recount and I'm down to three of these kits left (i.e. people who have reserved a kit via email). If you are interested let me know soon. This is a one-time deal, I won't be doing this again. Depending on when checks start arriving, I may start shipping this saturday.

Thanks es 73,

John, N1QO

P.S. A number of people asked; I don't do paypal and am not going to altanticon (sorry and DARN!) - pay via check or MO and I will send the kit to you via USPS - do send an email first though! And yes, I'm really interested in trading; I need caps and resistors in values that I haven't listed below.

> I recently ordered a whole mess of SMT parts to build 2n2/40+ #2. I ordered
> in bulk to save money, and now have tons of parts that I'll never, ever
> possibly use. The good news is they don't take up a lot of space.

>

> I've split them up and am offering them as a kit:

>

> Resistors:

> 100 ohm 1206 x100 1/8w +-5%

> 33K 1206 x25 RMC1/8

> 10 ohm 0803 x10 1/10w +-5%

> 100K 1206 x100 RMC1/8

> 150 ohm 0804 x100 RMC10

> 2.2K 1206 x100 RMC1/8

> 470 ohm 1206 x100 RMC1/8

> 4.7K 1206 x40 RMC1/8

>

> Caps:

> .1uF (100KpF) 1006 x25 C2012X7R1E104K

> .22uF 0804 x60 C1608JB1A224K

> .022uF 1006 x20 C2012ZJF1H223Z

> 220pF 0804 x75 C1608SL1H221J

> 100pF 0804 x75 C1608CH1H101J

> 680pF 1006 x75 C2012X7R1H681K

> 4.7uF 1006 x25 C2012JB0J475 +-10%

>

> Inductor:

> 4.7uH 1006 x25

>

> Over 1000 parts! No loose parts, all are on the tape they originally
> came on. I've given the sizes and values that I could make out from the
> label on the tape reel.

>

> Cost is \$15 shipped to your door via USPS. DX is extra, please email first.

> Canada OK to send equiv. Canadian funds or Canadian check (it all spends
> where I live).

>

> I have a limited supply of these parts. Please email me first and I will
> reserve a pack for you and send payment instructions.

>

> I am also interested in trading for other SMT parts that I don't have listed
> above - in particular if they are values that are used in the 2n2-40+.
> Please email me what you have.
>
> Disclaimer: The counts above are approximate. You may get one or two more,
> or less. I've tried to be as exact as possible while cutting up the tapes,
> but it's quite possible I'm off on a few. If you do get shorted
> significantly, email me and I'll get the proper amount out to you.
>
> Thanks es 73,
>
> John, N1QO
>
>

Date: Thu, 04 Apr 2002 06:24:13 -0100
From: Bill Meara <n2cqr@clix.pt>
To: qrp-l@lehigh.edu
Subject: [123940] Problem w 17m HB SSB TX
Message-ID: <1.5.4.32.20020404072413.0067d9a4@pop.clix.pt>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I've built a 17 meter SSB transmitter. I borrowed bits and pieces of circuits from various designers. The core of the sideband generator comes from a G3YCC article in SPRAT 48. Of course there are also elements from W1FB in there. The rig is built Manhattan style on a number of separate PC boards. The boards are mounted on the chassis of an old DX-40. The filter and the carrier oscillator rock come from a Swan 240 that got too clse to a lightning strike in the Dominican Republic. So the rig has some character!

I found that the hardest part of getting this one to work was the RF amplifier. I had to try several circuits before I found one that I could get stable. I now have two MRF 476s in parallel driven by a 2N3866. There are two 2n2222s and a MPF102 in the chain before the driver. The thing puts out about 5 watts PEP. Everyone says it sounds good.

Here's my problem: As the transistors start to get warm, I can see on my SWR bridge that there is some sort of low level signal in there -- it looks like just a few milliwatts, but it doesn't belong there. It persists even when I shut down the carrier oscillator. It is not at 18 Mhz. It shows a very high SWR into my 17 meter dipole. It is only there when the temp of the final goes up. I'm not sure what the freq of this spur is.

I've tried increasing the size of the heat sinks. This helped a bit. I

suppose I could put a little CPU fan in there to keep the temp down, but I'm thinking that there might be a more elegant way to solve the problem. Also, I'd like to understand what is going on. Could it be that as the temp rises, the gain of the device increases making spurs and parasitics more likely?

Any ideas on what is happening and how I could stop it?

Thanks,

Bill CU2JL N2CQR
<http://planeta.clix.pt/n2cqr>

Date: Wed, 3 Apr 2002 22:31:43 -0800
From: "Dave Fifield" <dave@redhotradio.com>
To: <weinfurt@oak.cats.ohiou.edu>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [123941] Re: neat morse page
Message-ID: <004201c1dba2\$73572380\$0200a8c0@AD6A>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Man that java thingy sure has some key thump!
Worse than the 38Special IMO!!

72, Dave, AD6A

----- Original Message -----
From: "Greg Weinfurtner" <weinfurt@oak.cats.ohiou.edu>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Wednesday, April 03, 2002 7:52 AM
Subject: neat morse page

> Hi all,
> Check out the page:
>
> <http://www.soton.ac.uk/~scp93ch/morse/index.html>
>
> It has a java morse code thingy that will allow you to play morse
> code characters of what ever you type in to a box.
>
>
> I found it from the PBS page on the special "Vanished" that was on last

night.

>

>

> <http://www.pbs.org/wgbh/nova/vanished/stendec.html>

>

>

> Interesting story..

>

> 72 de NS80

>

Date: Thu, 04 Apr 2002 01:51:18 -0500

From: Dan Puckett <wd8aau@woh.rr.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [123942] Re: [fpqrp] Dayton Advice

Message-ID: <5.1.0.14.2.20020404014016.00a18d00@pop-server.woh.rr.com>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

At 4/1/02, w8diz wrote:

>This is of interest to all QRP'ers going to FDIM/DAYTON-2000

>-Diz, W8DIZ

>

><Snip>

>

>BRING RAIN GEAR. BRING PORTABLE WARM CLOTHING. The daypack is a great
>place to keep your rainsuit, and/or a sweatshirt. Mid May is only 5
>days past the frost date for this area.

<Snip>

Another thing to add to the day pack is one or two extra pairs of sox.

You'll need them when you tramp through a water puddle and get your feet wet.

An extra pair comes in handy about midday when you've been on your feet
several hours longer than you are used to. Sit. Take off your shoes and sox.
Let your feet dry for a few minutes. Rub them. Tell them happy thoughts.
Put the clean sox on. Your feet will be much happier and reward you with
several more hours of use. Just do this when I'm not around. Whew!

See ya in May,

Dan "Bash Bits"

WD8AAU

Date: Thu, 4 Apr 2002 04:33:22 -0500
From: w4clm.ham@juno.com
To: qrp-1@Lehigh.EDU
Subject: [123943] Success moving FT-243's on 7030 & 7040 QRP Central & 7090 Local net
Message-ID: <20020404.043322.1180.2.w4clm.ham@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well guys,
I've never done it before and I am sure it's really nothing to brag about. But I did have success moving three FT-243 crystals up the band. I was successful moving one crystal from 7.025 up to --7.030 on the dot! And another 7025.5 Xtal up the band to 7041.....missed the mark by 1 kc.
Took a pencil led to it and it came right back down 1KC hitting 7.040 Bulls Eye !!!
And the last crystal for a local net from 7075 up to 7090 Kc two time pulling it apart and the second time it hit the frequency on the bulls eye again.

So there you have it, if I can do it to an old FT-243 I suppose anyone can do it. I used VERY ---- I stress V-E-R-Y fine sand paper carefully having made a SWAG----as to how many times I would swirl the Quarts around on the sand paper.
((Thats a Scientific Wild Ass Guess)) for the first couple of times grinding.
Then finished with (3200 grit) sanding pad, it's almost like a piece of cloth its so fine.

I would still like to entertain the purchase on any FT-243s at or near those frequencies as perviously posted.
7030, 7040, 7290, 7295, -- 3880 3885.....

Regards
Carol
W4CLM

Date: Thu, 4 Apr 2002 07:02:05 EST

From: N4SKS@cs.com
To: qrp-l@lehigh.edu
Subject: [123944] 2X QRP DX 20 meters
Message-ID: <127.ea9a21f.29dd9abd@cs.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Worked 5W1VE / qrp 5 watts Western Samoa at about 3 am this morning
around 14.025 he was 559 max some qsb

I was running 4 watts and a 3 element wide space yagi....

That is DXCC number 74 two- way QRP , I have 304 dxcc qro to my qrp
Still chipping away.

72 Les K4NK

Date: Thu, 04 Apr 2002 07:21:25 -0500
From: MITCHELLRI@aol.com
To: qrp-l@lehigh.edu
Subject: [123945] Tiny Tornado
Message-ID: <3C766F9E.6D9B5767.0B224671@aol.com>
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

Well, Brice's TT came in the mail, just like he promised. I opened up the package and thought that i had bought something from Heathkit in their heyday. When Brice says he puts work into these kits, he's not kidding! The instruction manual was the best I have ever seen, more than complete. All parts were there. With a new tank on the blowtorch, I built the kei. Brice warns us to read the instructions b-4 starting the kit. Every time I had a "bump", it was because I didn't read the book!. When completed, on the well made board, (I'm in the business. trust me on this one), power up... No smoke, just code from the earphones :). 10 times better than the Pixie II, worth the \$. Brice has a winner. As the 817 is back to the factory for smoke removal, this is my rig of choice.

See you on 14.0578

Leeds
WA1GJF

Date: Thu, 4 Apr 2002 07:30:18 -0500
From: "Ron Polityka" <wb3aal@fast.net>

To: ". QRP-L" <qrp-l@Lehigh.EDU>, ". NJ QRP-L" <njqrp@njqrp.org>
Subject: [123946] Chesapeake Light Ship Operation April 5, 2002
Message-ID: <005b01c1dbd4\$7c0a8b20\$c6635cd1@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Hello,

I plan on operating from on board the Chesapeake Light Ship in Baltimore, MD Inner harbor on April 5, 2002. I will be using the call WB3AAL. QSL to my call book address which is good for the past 12 years.

Unfortunately my operation plans have been altered a little due to revised prior comments. I should be QRV between 15:00 & 16:00 UTC. I will be using the antenna on board the ship if everything works to my advantage. The unfortunate part is I will have to cut my operations short and I will be QRT around 20:00 UTC. I will have to stick to this time to meet my prior comments.

I will be attending the Atlanticon QRP Forum, www.njqrp.org , during the weekend. So I will be operating QRP 5 watts from the ship. I will be using the Elecraft K2. I plan to operate CW and SSB. I will try to make as many QSO's as possible on 40 & 20 meters. The only reason I plan to operate 40m is to give guys on the East Coast a chance to operate me on board the ship. I will try to start on 40 m SSB for the first half hour and switch to CW for the next half hour. Then at the top of the hour I will be on 20 SSB and then CW.

I will be switching back and forth to give everyone that is around a chance to work me on the bands.

QSL via with a SASE containing a 4 1/8" x 9 1/2" business SASE for a Color QSL with the Chesapeake Light Ship (LV-116) USA-167 on the front and a picture of the Light on the ship on the back. A \$1 donation towards the printing of the QSL cards would be appreciated. If you would like a large single sided QSL measuring 8 1/2" x 11" please send an envelope measuring 10" x 13" with the same size SASE enclosed. A \$2 donation would be appreciated for the printing of the large QSL's. This will be a picture of the Light Ship with the Light inserted into the main picture.

73

Ron de WB3AAL
www.n3epa.org

ARLHS #423

Date: Thu, 4 Apr 2002 05:34:58 -0700
From: "Dave Ek" <ekdave@earthlink.net>
To: <qrp-l@lehigh.edu>
Subject: [123947] Datasheet locator web page
Message-ID: <000b01c1dbd5\$22fe6960\$0100a8c0@oldman>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang,

Ran across this page while searching for parts. Might be useful:

<http://www.datasheetlocator.com/>

73 de Dave NK0E

Date: Thu, 4 Apr 2002 07:37:35 -0500
From: "Ron Polityka" <wb3aal@fast.net>
To: ". QRP-L" <qrp-l@Lehigh.EDU>
Subject: [123948] Arkiecon Help
Message-ID: <006801c1dbd5\$80605b40\$c6635cd1@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Hello,

Can anyone help me with the e-mail regarding the "Arkiecon", the QRP weekend in Arkansas sponsored by the Ft. Smith QRP Group. I seen the e-mail with the list of presenters and their subject.

Any help would be appreciated.

Thanks!

72 & Good DXing

Ron Polityka
de WB3AAL
wb3aal@fast.net

vvv Eastern Pennsylvania QRP Web Page vvv
http://www.n3epa.org
Eastern Pennsylvania QRP Club Call
N3EPA E-mail address: n3epa@fast.net

EPA QRP #1	ARRL Life Member
KL7 QRP # 309	G-QRP # 3031
ARCI QRP # 5318	10 - X #13173
NorCal	ARS # 380
HI QRP #153	VA QRP Society #45
MI QRP #1703	K2 sn1392
NJ QRP #179	ARLHS #423
K1 sn1011	

Date: Thu, 04 Apr 2002 08:25:30 -0500
From: Gary Lee <kb9zuv@arrl.net>
To: qrp-l@lehigh.edu
Subject: [123949] tiny tornado info request
Message-ID: <3.0.6.32.20020404082530.007ac6b0@mailhost.ind.ameritech.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

What is this tiny tornado, and can one still be ordered? Also, is there a web page?

Thanks.

Gary Lee
Ball State University
765-285-1310

Date: Thu, 4 Apr 2002 08:37:56 -0500
From: "carl seyersdahl" <carlseye@tampabay.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [123950] zonealarm
Message-ID: <001701c1dbdd\$ee045040\$d2af2341@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have installed zonealarm and now it appears to be blocking some e-mail reflectors and I can't seem to open it up , short of turning it off, but if I do that I don't know if it will return again!!! any help??
carl / kz5ca

Date: Thu, 4 Apr 2002 9:00:59 EST
From: <mpupeza@sympatico.ca>
To: qrp-l@lehigh.edu
Subject: [123951] How to use MMANA for Mobile Ants?
Message-ID: <20020404140059.KCY02839.tomts12-srv.bellnexxia.net@[209.226.175.22]>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

I want to try simulating a few mobile antennas using the MMANA program.

How do I make a simulation of a vehicle, upon which to try various types of antenna?

I tried just making up the vertical antennas above ground, equal to my Screwdriver Antenna, but got nowhere near the right results for Radiation Resistance and SWR!

I would guess that I'd have to construct a ground plane equal to a vehicle!

Any help here?

Mike VE3EQP

Date: Thu, 04 Apr 2002 15:35:46 +0200
From: "Ingo, DK3RED" <dk3red@t-online.de>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [123952] Re: Datasheet locator web page
Message-ID: <3CAC56B2.8BB27873@t-online.de>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello Dave,

A little note from me.

> Ran across this page while searching for parts. Might be useful:
>
> <http://www.datasheetlocator.com/>

Maybe a good source for datasheets, but the URL need the correct browser. Only the Internet Explorer 4.01 or higher and Netscape Navigator 6.01 or higher will be supported. I use here Netscape Navigator 4.5 and I see it is the false one. ;o((

--

72/73 de Ingo, DK3RED Don't forget: the fun is the power!
 dk3red@t-online.de <http://www.qsl.net/dk3red>
 DL-QRP-AG #824 <http://www.dl-qrp-ag.de>

Date: Thu, 04 Apr 2002 09:37:59 -0500
From: John Wagner <john@wagner-usa.net>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [123953] Re: zonealarm
Message-ID: <B8D1CF76.15D4%john@wagner-usa.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Carl,

This isn't directed at you per se, but your message indicates a problem that a number of people have, namely (and don't take this the wrong way or personally), you don't know what you're doing. Again, I'm not putting you down, *I DON'T KNOW WHAT I'M DOING when it comes to firewalls other than being able to configure a very simple one.

Firewalls (real ones, used on production systems) are hard to install properly. If you don't know what you're doing you can instill a false sense of security in your system - this is a worse case scenerio, you think you're safe, but you're not.

Zonealarm (of which I tried once on a windows box which proxies for my internal network to the internet through starband) continually queries you for programs that want to access the internet. You either accept or deny these requests and a rule is created for future reference. The problem is, unless the program name is specific enough (and you know why it's accessing the 'net), then you really aren't prepared to make a proper decision.

The situation gets worse for incoming traffic; should your DNS server be allowed to ping you? Do you know what a DNS server is, or what the IP

address of yours is? Make the wrong decision and your internet access dies. Same goes for SMTP mail servers, game servers, peer-peer programs that use TCP/IP (like games, aol instant messenger), etc...

What it all adds up to is the fact that most people don't know what they're doing when it comes to firewalling.

What I recommend is this; if you have a broadband connection, get yourself a Linksys router/firewall/hub. These things cost about \$100 and they are just about foolproof out of the box. If you need more access to the outside, you will have to explicitly go in and mess with the configuration of this device, but for the most part it just works and the network people I've talked to at work all recommend them.

Another thing is this; odds are you don't really need Zonealarm. If you are running Win9x or XP (not professional) and not running a web server and HAVE NOT enabled file sharing, then there really isn't much that can be accessed on your computer of interest. Sure, you'll get pinged and probed, but so what, there isn't anything there. If you are running a webserver or some other internet server, then you better know what you're doing. Odds are better that you will download a trojan horse program and run it to open up your box to the internet than someone actually breaking in from the outside.

I realize this got long, but again I'd like to point out that firewalls are not something to be taken lightly. Zonealarm may slap a pretty face on it, but firewalls are inherently complicated for all but the most simple of installations. As such, I would recommend either learning a lot more about them, or leaving them to the professionals.

73,

John, N1QO

```
> From: "carl seyersdahl" <carlseye@tampabay.rr.com>
> Reply-To: carlseye@tampabay.rr.com
> Date: Thu, 4 Apr 2002 08:37:56 -0500
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> Subject: zonealarm
>
> I have installed zonealarm and now it appears to be blocking some e-mail
> reflectors and I can't seem to open it up , short of turning it off, but if
> I do that I don't know if it will return again!!! any help??
> carl / kz5ca
>
>
```

Date: Thu, 4 Apr 2002 09:45:13 EST
From: Rlemmel@aol.com
To: fpqrp-1@mpna.com, qrp-1@lehigh.edu
Subject: [123954] VP6DI Log
Message-ID: <19d.296b38.29ddc0f9@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

The VP6DI Log has just been updated. It had not been updated since March 25.
If you want to check to confirm your qso <http://www.big.or.jp/~ham/VP6DI/>

72-Randy,WV9N

Date: Thu, 4 Apr 2002 10:37:01 -0500 (EST)
From: "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
To: qrp-1 <qrp-1@lehigh.edu>
Subject: [123955] LDG Z-11 tuners on sale at Ten-Tec
Message-ID: <Pine.LNX.4.44.0204041036060.10917-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Scott:

I am not subscribed to QRP-L any more (though I read through the archives fairly often). Could you do me a favor and cross post this message that I put on the Ten-Tec reflector yesterday. I am sure some of the QRP-L gang will want to take advantage of this while it lasts.

Thanks

Scott W4PA

>We're selling the LDG Z-11 QRP automatic antenna tuners at \$139.00
>plus shipping, while supplies last. This special will not be advertised on
>our web site or in the magazines - you have to have heard about it
>somewhere on the Internet. Give Ten-Tec a call at (800) 833-7373.
>Feel free to pass this message along to other hams or to any of the
>public Internet ham radio groups. Once they're gone, the price goes
>back up to \$179.00!

>

>Scott Robbins, W4PA

Ten-Tec, Inc., 1185 Dolly Parton Pkwy, Sevierville, TN 37862 USA
Contact Mon-Fri Eastern: Office/Tech (865) 453-7172 9 am-5 pm.
Repair (865) 428-0364 8-4. Sales (800) 833-7373 9 am-5:30 pm.
Fax (865) 428-4483 24 hrs. Visit us at <<http://www.tentec.com>>

--->--->---> Please note: E-mail <sales@tentec.com> for sales
and general product info only. We presently do not offer
repair, parts, or kit building tech support by electronic mail,
please telephone (865) 428-0364 or (865) 453-7172.

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mercial use HF radio equipment, custom aluminum and steel
enclosures and has an on-premises, fully equipped tool and die
facility supplying metal and plastic injection mold industries.
Potential tool and die, custom enclosure or communications
electronics customer? Contact us with your needs.

Date: Thu, 04 Apr 2002 23:52:04 +0100
From: Chuck Adams <k7qo@earthlink.net>
To: qrp-l@lehigh.edu
Subject: [123956] Some Notes of Thumps
Message-ID: <5.1.0.14.0.20020404232849.009e5910@mail.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Gang,

Dave Fifield's note on thumps brings up the topic.

First of all let me say again,

dit time = 1200mS / WPM speed

I got the usual nasty-gram from the usual suspect
that I needed to proof read my own posting as there

was no account for weighting in the timing spec.
Else where in the posting I covered the issue
and person was illiterate and did not read it was
my guess. :-)

As I said in the posting that the definition of the timing
does not allow for weighting and the only reason for
weighting is for giving transmitters a chance to output the correct
1:1:3 ratios (dit:space:dah).

Some people I know use a weight change to help
the human mind decode a little bit easier as the
higher speeds, but all attempts a record speeds
must be done with the 1:1:3 ratio with no exceptions
to the rule. Been there - done that.

In generation of Morse by means of a computer
and other electronic means you can not generate
a square shaped tone on the leading and trailing
edge or you will hear the dreaded 'thump'. So
you have to shape the wave form. This does
several things such as narrow the bandwidth
just a little and reduces the thump. The
ARRL recommends that you have a rise time
of 5mS and a fall time of 5mS also. This is
what they use in their tapes and CDs and they
use a famous filter done by Ed Hare, W1RFI,
of the ARRL HQ staff.

I use the same timing for my CDs and it seems
to be a fair value.

But one thing that I have noticed is that all
headphones are not created equal. Some thump
with the standard wave form and some do not.
Now I do not want to go and make up a table
of all the headphones in the world and show
which ones I hear a thump in and which ones
do not and heck, the same brand and model
of a headphone from the same manufacturer
may vary in response. I don't know.

All that I can tell you is that you must experiment
in this area. Even the band pass of the audio
circuits in the player may effect the results.

So the phrase "your mileage may vary" certainly
applies to this area.

Sony no longer makes it, but they had a tiny cassette player called the WM-10 that is just slightly larger than the cassette. I still have mine but rarely use it anymore as we all have migrated to the CD-player and now the MP3 format I'm sure to get the 10 or more hours of play on a single CD that we now pay less than \$0.25 for in large quantities.

The WM-10 headphones that came with the player are my favorite. They have a single stainless steel band about 4mm wide with the two small headphones that slide up and down for head size. They are lightweight and they have the response that does not produce the thump.

So, you might be able to reduce the famous 38Special thump with a change in headphones, if you use them. Speakers, which I don't use, may also be subject to the same response problem.

Another area in which I have wasted some time doing research to find the right combination that works for me.

FYI,

Chuck Adams, K7QO CP-60 k7qo@earthlink.net
<http://www.qsl.net/k7qo>

Moving to Arizona? --- Bring your own water, please.

Date: Thu, 04 Apr 2002 07:54:18 -0800
From: "K7FD N7SG" <k7fd@hotmail.com>
To: MITCHELLRI@aol.com, qrp-1@Lehigh.EDU
Subject: [123957] Re: Tiny Tornado
Message-ID: <F77HmzgCsKkfGpJcq20000ef02@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Ditto! Just received my 20m TT kit and all is superb! Now I just need to set aside an hour or two for building...

...and then look for that perfect enclosure!

73 John K7FD

>From: MITCHELLRI@aol.com

>Subject: Tiny Tornado

>

>Well,Brice's TT came in the mail, just like he promised. I opened up the
>package and thought that i had bought something from Heathkit in their
>heyday. When Brice says he puts work into these kits, he's not kidding!
>Etc...

Send and receive Hotmail on your mobile device: <http://mobile.msn.com>

Date: Thu, 4 Apr 2002 11:01:41 -0500

From: "John J. McDonough" <wb8rcr@arrl.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Cc: <k7qo@earthlink.net>

Subject: [123958] Re: Some Notes of Thumps

Message-ID: <006401c1dbf2\$0418fe80\$010044c0@chartermi.net>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

----- Original Message -----

From: "Chuck Adams" <k7qo@earthlink.net>

Subject: Some Notes of Thumps

> As I said in the posting that the definition of the timing
> does not allow for weighting and the only reason for
> weighting is for giving transmitters a chance to output the correct
> 1:1:3 ratios (dit:space:dah).

I would think you would give a little more "weight" to the 1:10:30 ratio that seems to be preferred by bug users.

> In generation of Morse by means of a computer

> and other electronic means you can not generate
> a square shaped tone on the leading and trailing
> edge or you will hear the dreaded 'thump'.

In working to generate a way to get CW out of SSB rigs, I observed that a lot can be gained by deciding where to make the off-on transition. Simply switching the sine wave on and off will generate a rich selection of spurs, which you hear as a pronounced click. However, if you only allow the waveform to be turned on and off at it's zero crossing, the spurs disappear entirely (or at least as close as I can see).

I have often wondered if a similar thing doesn't happen at RF, but I have no way to control the generation of RF with that degree of precision.

> But one thing that I have noticed is that all
> headphones are not created equal. Some thump
> with the standard wave form and some do not.

Wal-Mart has some dirt-cheap Sony headphones that really work well for me. I suspect, however, there may be a rig-phone interaction as you seem to suggest.

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
didileydadidah QRP-L #1446 Code Warriors #35

Date: Thu, 4 Apr 2002 11:23:59 -0500
From: "Mike Branca" <w3irz@att.net>
To: <qrp-l@Lehigh.EDU>
Subject: [123959] Re: Success moving FT-243's on 7030
Message-ID: <045401c1dbf5\$20d84780\$b2eb5b0c@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Very good Carol. I usually lower the frequencies by rubbing the quartz with an old silver spoon. Probably isn't any better than using a pencil or solder but it sounds more like the correct thing. Besides it gives me a use for the old spoon.

Mike W3IRZ in Conyers Georgia

Date: Thu, 4 Apr 2002 11:42:28 -0800
From: "W2WU" <w2wurjj@verizon.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [123960] Re: Success moving FT-243's on 7030
Message-ID: <000601c1dc10\$dfc80660\$71c2fea9@w2wu>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I've used pencils, the proverbial silver spoon and other methods. Senior memory recalls pencils move frequency one direction & certain agents the opposite. Ron, W2WU

----- Original Message -----

From: Mike Branca <w3irz@att.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: 04 April, 2002 08:23
Subject: Re: Success moving FT-243's on 7030

> Very good Carol. I usually lower the frequencies by rubbing the quartz
with
> an old silver spoon. Probably isn't any better than using a pencil or
> solder but it sounds more like the correct thing. Besides it gives me a
use
> for the old spoon.
>
> Mike W3IRZ in Conyers Georgia
>
>

Date: Thu, 4 Apr 2002 10:51:57 -0600
From: "Rob Matherly" <kc0bom@arrl.net>
To: <carlseye@tampabay.rr.com>,
 "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [123961] Re: zonealarm
Message-ID: <006e01c1dbfa\$38c005e0\$9511a541@intern01>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I had problems getting e-mail period until I turned down the security

settings to Medium... maybe yours are set too high?

72/73/oo

Rob, kc0bom

ARRL; FP Qrp -330; Live-Wire #442; IA QRP #143; SOC #497; QRPp-I #19

Visit my website! <http://www.qsl.net/kc0bom>

AIM - kc0bom, jimrob4 --- MSN - jimrob@jetnetinc.net

Y! - kc0bom --- ICQ - 114690148

----- Original Message -----

From: carl seyersdahl <carlseye@tampabay.rr.com>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Sent: Thursday, April 04, 2002 7:37 AM

Subject: zonealarm

I have installed zonealarm and now it appears to be blocking some e-mail reflectors and I can't seem to open it up , short of turning it off, but if I do that I don't know if it will return!!! any help??

carl / kz5ca

Date: Thu, 4 Apr 2002 09:12:21 -0800

From: "Phinizy, William" <wphinizy@filenet.com>

To: "'Stuart Rohre'" <rohre@arlut.utexas.edu>

Cc: "QRP-1 Forum (E-mail)" <qrp-1@Lehigh.EDU>

Subject: [123962] WPX Callsigns

Message-ID: <C3AF5E329E21D2119C4C00805F6FF58F087415BB@hq-expo2.filenet.com>

My thanks to those who responded. To those who need the information (Stuart and the group), according to Terry, KQ5U, L75FM is via LU4FM and their address is as follows:

RADIO CLUB ROSARIO LU4FM
P.O BOX 263
ROSARIO SF 2000
ARGENTINA

72,

Bill, K6WHP

-----Original Message-----

From: Stuart Rohre [mailto:rohre@arlut.utexas.edu]
Sent: Wednesday, April 03, 2002 6:46 PM
To: Phinizy, William
Subject: WPx Callsigns

Bill, Please,
If you get the adr. please post, I need those too! On that L 75FM, I was taken aback a second, but then like a true DXer, WFWL, (Work First, Worry Later). Hi! 10M was good on Sun. the last 33 min. is all I had time for. Did 5 Continents, and 7 or so countries out of 12 contacts.
Thanks and 72,
Stuart K5KVH

Date: Thu, 4 Apr 2002 10:16:04 -0700
From: "Niel Skousen" <skousen@srv.net>
To: <qrp-1@lehigh.edu>
Subject: [123963] Tandy Model 100/200 code
Message-ID: <NFBBI LMKOLCLMCKFACLDIEHPJFAA.skousen@srv.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I recently aquired a Tandy model 200 for my son to play with. there was some logging code (and PC xfer howto) several years back. Can anyone point me that web site (or email me the files) ?? Also, any good URL's for other code for him to play with and learn would be appreciated...

TNX
Niel

Date: Thu, 4 Apr 2002 12:44:25 -0500
From: "Mike Boatright" <ko4wx@mindspring.com>
To: <qrp-1@Lehigh.EDU>
Subject: [123964] Any QRP'ers going to NAB in Vegas?
Message-ID: <NFBBI LMKCMII LGKAJMBLCEHGCEAA.ko4wx@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

And if so, are you planning to go to the Amateur Radio Operator's reception

on Wednesday, 4/10?

72 de Mike, K04WX

Date: Thu, 4 Apr 2002 12:59:56 -0500
From: K1VP <k1vp@grizzly.com>
To: N5FF@attbi.com
Cc: qrp-l@Lehigh.EDU
Subject: [123965] Re: Fw: Small Wonder Labs DSW Rigs -- a seller's market and SSB receive mod
Message-ID: <20020404125956.54eded24.k1vp@grizzly.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

On Wed, 3 Apr 2002 17:39:34 -0600
"SAAD MAHAINI" <N5FF@attbi.com> wrote:

> wow...heck I will even consider selling my un-built DSW kits for that kinda
> of \$.
>

Unbuilt DSW kits???

Something akin to a QRPer's wine cellar?

Ed Lawson
K1VP

Date: Thu, 4 Apr 2002 13:00:28 -0500
From: "James P. Osburn, P.E." <j.p.osburn@ieee.org>
To: "List; QRP, QRP Mailing List" <qrp-l@lehigh.edu>
Subject: [123966] RE: Iambic Keying 101 --- Part 1
Message-ID: <000701c1dc02\$bf5441e0\$848acccf@bbbcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I like to try to understand things as finite state machines

and draw state transition diagrams of them. I've tried to draw STD's of some keyers, a very basic one that's not iambic and doesn't have dot-dash-memory, one that's iambic but still doesn't have dot-dash-memory, and one that's iambic and does have dot-dash-memory, which I think might be mode A. Here's the link to my sketches. <http://lightning.qrp.com/~wd9eyb/junk/keyerstd.html> I haven't attempted to draw an STD of mode B yet, I need to find a bigger piece of paper.

In the diagrams L means the left paddle, R means the right paddle, T is a dit time, 3T is a dah time. The initial state is the idle state, if you're using a PIC you need to be in the low power state when idle. I didn't label the states with names, I just indicated the output either key-up or key-down. In the keyer with memory, when transitioning from one key-down state to another key-down state don't reset the timer and stretch out the element. Of course the output is key-up when in the idle state. If both paddles are somehow pressed at the same time, there's a built in bias for the right paddle. Since the right paddle is key-down for 3T it's the dah paddle and the left paddle is the dit paddle.

My diagrams are probably wrong. If I succeed in drawing a diagram that's not wrong, then I will then fully understand keyers.

Jim, WD9EYB

Date: Thu, 4 Apr 2002 10:36:30 -0800
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-l@lehigh.edu>
Subject: [123967] Re: Tandy Model 100/200 code
Message-ID: <MABBJOEABOILMKCJCLFCAE0IDDA.n6wg@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Neil

There was a piece in our local paper by a columnist who had used the 100 in the field in its early days. He recently acquired one, and out of curiosity, decided to see if there was anything out there about it. He said a web search turned up about 52000 hits.

You might try a search on Tandy Model 200 and see what turns up.
73, Bob N6WG

Date: Thu, 4 Apr 2002 13:39:08 -0500
From: w4clm.ham@juno.com
To: w5usj@9plus.net, Daniel.Mahoney@staterbros.com
Cc: qrp-l@Lehigh.EDU
Subject: [123968] Re: Success moving FT-243's
Message-ID: <20020404.133909.1712.1.w4clm.ham@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Chuck, (And the QRP-L group)

Yes Karl has a good list of crystals that should do the job.
I know this is nothing new as I have heard of people doing this for
years! Moving Ft-243s Xtals up in frequency. This was just my first time
having
tried it. Looks like we have little choice any more as it appears that
no one is making the old style holders any longer. What I am curious
about
is --- JUST HOW FAR can we move some of these rocks? There appears
to be a lot of old FT-243s in the 5 Mhz range floating around. I guess
I will just have to try some and see how it works out. I really got a
kick out
of having made the first QSO using the rock and received a 599 on 7040
Kc...
So that rock must be pretty stable.

What I did, I used a VERY FINE wet sandpaper for (POLISHING FILM)
For the biggest move in frequency. The paper (Film) is best used wet.
I started with was something like 300 or 400 grit.
Then I ended up using a finer POLISHING pad
3400 grit pad....it is almost like cloth, it is so fine to the touch.
Be careful with the heavier grit because it didn't take
a whole lot to make a 2Kc move, I had to pull out the quartz
grind it down, wash it off reassemble the crystal, plug it in the rig
and test it. I did it a couple of times to get a 6Kc move....
but that was all part of the fun.

This type of polishing film and the pad should be readily available
at most hobby stores. Model builders use this type of sanding material
to take the seems out of plastic models and polishing clear plastic
lenses.

I think I was a bit rough on the crystals and I would take more care in doing the process if I were to do any more. They appear to be working just fine this morning and they are still working on frequency +/- a little.

Bottom line, the tonal quality on my 7.090 crystal is not the best but it works. I think I will still buy some of the new HC6Us from Peterson Xtal down the line. But what the heck, it was fun I learned a little something and at least I tried and I didn't break the quartz! Hee Hee....
Best Regards
Carol
W4CLM

On Thu, 04 Apr 2002 05:45:32 -0600 Chuck Carpenter <w5usj@9plus.net> writes:

> Carol,
> Karl Kanalz, W8TIF, had a big long list of FT-243s on an Excel
> spread sheet. KKANALZ@prodigy.net

> Where'd you find the REALLY fine sand paper? I'd like to try a
> couple.

Date: Thu, 4 Apr 2002 14:42:10 -0500 (EST)
From: "n2cx" <n2cx@voicenet.com>
To: njqrp@njqrp.org
Cc: qrp-1@lehigh.edu
Subject: [123969] F/S Century 21 analog at Atlanticon
Message-ID: <200204041942.0AA02890@email.voicenet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1

Group,

I hate to do it but I want a K-2!

I'll be bringing a Ten Tec Century 21 along with me to Atlanticon for sale. This is a good backup rig covering 80-10 cw (sorry no WARC.)

It has an internal 110 VAC power supply but will also run from 12VDC. Power input is up to 70 watts and is easily adjustable from the front panel down to QRP levels. While

the receiver is direct conversion, it does have both RF and AF gain controls and a very good selectable audio filter and RIT. Plus it includes a good 100/25kHz crystal calibrator.

Asking \$150.

I'd like to sell it at Atlanticon so I don't have to go thru the bother of packing and shipping.

See you at Atlanticon!

72/73,

Joe E., N2CX

Date: Thu, 04 Apr 2002 19:55:48 +0000
From: "K. Edwards" <n3eeg@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [123970] Microphone for Index Labs QRP+ ?
Message-ID: <F81kl894nUTDd2h2jXi0000521d@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Does anyone recall the recommended mike for the original model of the QRP+ rig? Seems like one of HT mikes for the Kenwood or Icom worked as a direct plug in for the radio.
I'm looking for one, but cannot recall which one it was.

TIA...
--Ken

Join the world s largest e-mail service with MSN Hotmail.
<http://www.hotmail.com>

Date: Thu, 04 Apr 2002 15:20:41 -0500
From: larrykosch@glasscity.com
To: qrp-l@lehigh.edu
Subject: [123971] 40m Ft-243 xtals
Message-ID: <5.0.0.25.1.20020404151941.009d5b90@pop3.norton.antivirus>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

>>

>>Hi Gang If you grind xtals I have a few for sale...

>>6 total....Some are OK to use where they are...

>>Will ship in the US48 for \$50.00...List below...

>>All in very good shape... TNX--Larry--K8EJU

>>

>>7000 7100 7100 7118 7136.25 7140

Date: Thu, 4 Apr 2002 15:16:59 -0500
From: "James P. Osburn, P.E." <j.p.osburn@ieee.org>
To: "List; QRP, QRP Mailing List" <qrp-l@lehigh.edu>
Subject: [123972] Re: Iambic Keying 101 --- Part 1
Message-ID: <001101c1dc15\$cf032bc0\$848acccf@bbbcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I've added a state transition diagram for mode B.
<http://lightning.qrp.com/~wd9eyb/junk/keyerstd.html>

I think the STD's are probably missing something but
it hasn't hit me yet what it is.

Jim, WD9EYB

Date: Thu, 04 Apr 2002 16:02:29 -0500
From: "ROBERT EVANS" <revans@sarnoff.com>
To: njqrp@njqrp.org
Cc: qrp-l@lehigh.edu
Subject: [123973] Re: [NJQRP] F/S Century 21 analog at Atlanticon
Message-ID: <3CACBF65.1617D010@sarnoff.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Doesn't it have WARC 10Mhz ie 30Meters too?

n2cx wrote:

>
> Group,
>
> I hate to do it but I want a K-2!
>
> I'll be bringing a Ten Tec Century 21 along with me to
> Atlanticon for sale. This is a good backup rig covering
> 80-10 cw (sorry no WARC.)
>
> It has an internal 110 VAC power supply but will also run
> from 12VDC. Power input is up to 70 watts and is easily
> adjustable from the front panel down to QRP levels. While
> the receiver is direct conversion, it does have both RF and
> AF gain controls and a very good selectable audio filter and
> RIT. Plus it includes a good 100/25kHz crystal calibrator.
>
> Asking \$150.
>
> I'd like to sell it at Atlanticon so I don't have to go thru the
> bother of packing and shipping.
>
> See you at Atlanticon!
>
> 72/73,
>
> Joe E., N2CX
>
> ===== NJ QRP Club Mailing List =====
> To unsubscribe from this list, send email to listserver@applegate.org
> and put the text "unsubscribe njqrp" in the message. To post a
> message to the list, send email to njqrp@njqrp.org.

Date: Thu, 4 Apr 2002 15:13:56 -0600
From: "Jay Bromley" <w5jay@alltel.net>
To: <qrp-1@lehigh.edu>
Subject: [123974] ArkieCon Prize list update
Message-ID: <003b01c1dc1d\$a2bad4c0\$6518150a@Alltel>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well gang it is a super nice sunny day here in the Fort today and the temp
is in the 70s.

Tony Fishpool & Graham Firth, arrived this afternoon and Vern Wright is expected soon. So I thought I would get caught up on a few updates. There still is time to make accommodations!! A ton of fun is waiting for you here at ArkieCon this weekend!

OK here are the Prizes:

Main Prize is a fully loaded Elecraft K1 four bander!

Second main prize is a complete MP-1 donated by antenna guru Vern Wright. Oh, also Vern is unveiling his new antenna that is sure to be the next rage in Antennas. QRPers that love the outdoors are going to love this. Pictures coming soon!

More prizes from TeNeKee guru Dennis Foster! These are 2 NorCal BTLs, 2 Rocket Radios (well maybe one if I have my way :-), 2 NorCal Doublets, 4 Deluxe keys by Dennis, 2 portable keys by Dennis, and 2 AM radio kits.

>From the New Jersey QRP: NJ Rainbow Tuner, NJ/K8IQY 4017 Transverter kit, Manhattan Starter kit, Warbler kit, Islander Pad Cutter, Islander Audio Amp kit, QRP Homebrewer subscription, PSK-31 Beacon kit, Tipp Tapper Paddler. Whew I hope I remember is all George, hihi.

Tons of prizes from Jim Cates/Doug Hendricks/NorCal QRP! Doug was cleaning out his room (JoAnne orders!!) and found the last 4 SMK-1 in existence! Doug is bringing more prizes via his suitcase so I can't list the rest right now, hihi.

Last but not least, a NorCal 20 donated by Steve Gibbs, K5OY.

Also just for coming this weekend and hanging out you get a ArkieCon 2002 QRP commemorative badge by Jerry Parker! Yes Jerry they made it here just fine and everything is yellow this spring. Tell Amada thanks also!!

I want to thank all the above for donating prizes.

Thank you all 73 de jay..

Date: Thu, 04 Apr 2002 16:20:38 -0500
From: KKANALZ@prodigy.net
To: <larrykosch@glasscity.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [123975] 40m Ft-243 xtals
Message-ID: <AA-8A06AD2ACBD2784A57773AF6E2BD2A88-ZZ@maillink1.prodigy.net>

Larry;;
Is you is, or is you ain't kidding at \$50 per
crystal? Heck, I'll grind mine to whatever frequency
you want for \$15 or less!

Karl K - W8TIF
McKinney, Texas
--- Original Message ---
From: larrykosch@glasscity.com
To: "Low Power Amateur Radio Discussion" <qrp-
1@Lehigh.EDU>
Subject: 40m Ft-243 xtals

>
>>>
>>>Hi Gang If you grind xtals I have a few for
sale...
>>>6 total....Some are OK to use where they are...
>>>Will ship in the US48 for \$50.00...List below...
>>>All in very good shape... TNX--Larry--K8EJU
>>>
>>>7000 7100 7100 7118 7136.25 7140
>

Date: Thu, 4 Apr 2002 12:06:05 -0500 (EST)
From: <n2go@arrl.net>
To: <qrp-1@Lehigh.EDU>
Subject: [123976] FS/ Trade Argonaut II Sr.
Message-ID: <Pine.LNX.4.33.0204041143230.580-1000000@valhalla.v>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I traded my argonaut II a couple years ago. Now I am letting the Argonaut
II Senior go. It is the 100Watt version model 536 (delta II). It uses the

argonaut II final
board as the driver and boosts the power so it is adjustable from
0-100 watts. It has a couple of other things that the jr 535 model doesn't
have. A big heat sink on the back with a heat sensor driven optional fan.
It has ext spkr jack, accessory jack for dig stuff like fixed audio out,
ptt line, audio in, mute, tx enable, mic mute, tx request, open collector T
line (for amps).
It also has acc jack 2 for band line outputs.

The rig covers all bands 100khz to 29.9999.99 rx am,cw,ssb,fm QSK
fast/slow

1.8-29.999.99 tx usb,lsb,cw,rtty(afsk) and fm

Jones filter, all filters (no empty slots)

New LCD backlight installed. Looks excellent.It is the same size as the
argonaut II except for the heat sink on back. They look the same except
for the Argonaut II label. Everything works. Runs off of 13.8VDC

Manuals for both rigs included.

\$500 or trade for k2 cw version. (shipping included, CONUS)
73,

Jim n2go

Date: Thu, 04 Apr 2002 16:59:48 -0500
From: Ken Newman <N2CQ@dandy.net>
To: EPA-QRP@yahoogroups.com, QRP-L@lehigh.edu, njqrp@njqrp.org,
n9avg@amsat.org, w3bg@arrl.net, n4so@juno.com
Subject: [123977] [CONTEST] N2CQ QRP Contest Calendar - Apr 5-28
Message-ID: <3.0.6.32.20020404165948.00836eb0@mail.dandy.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

~~~~~  
N2CQ QRP CONTEST CALENDAR  
April 5-28,2002  
~~~~~

ATLANTICON QRP Forum ...QRP Building Contest (AND MUCH MORE)

Apr 5-6

Details: <http://www.njqrp.org/atlanticon/>

"Building contest. A-1 Seminars. Prizes you can't miss"

SP DX Contest (Phone/CW)

Apr 6 - 1500z to Apr 7 - 1500z

Rules: <http://www.sp5zcc.waw.pl/spdxc/spdxce.html>

"Awards available from Poland"

EA RTTY Contest (Digital)

Apr 6 - 1600z to Apr 7 - 1600z

Rules: <http://www.sk3bg.se/contest/eartty.htm>

"To promote activity in RTTY mode"

Missouri QSO Party (CW/SSB)

Apr 6 - 1800z to Apr 7 - 0500z and
Apr 7 - 1800z to 2400z

Rules: <http://www.qsl.net/w0ma/contests.htm>

"Work MO Counties"

QRP ARCI Spring QSO Party (CW)QRP Contest!!!

Apr 13 - 1200z to Apr 14 - 2400z

Rules: <http://personal.palouse.net/rfoltz/arci/arcitst.htm>

"Biggest QRP event in some time"

~~~~~  
The TARA PSK31 Rumble (Digital) ... QRP Category

Apr 20 0000z to 2400z

Rules: <http://www.qsl.net/wm2u/rumble.html>

"Get those Warblers in the show"

~~~~~

Estonian (ES) Open HF Championship (CW/SSB) (80 & 40) ...QRP Category

Apr 20 - 0500z to 0959z

Rules: <http://www.sk3bg.se/contest/esopen.htm>

"Awards and trophies"

~~~~~

GACW CW DX Contest (Samuel Morse Party) ... QRP Category

Apr 20 - 1200z to Apr 21 - 1200z

Rules: <http://www.geocities.com/gacwar/>

"huestes de Don Samuel MORSE"

~~~~~

Michigan QSO Party (CW/SSB) ...QRP Category

Apr 20 - 1600z to Apr 21 - 0400z

Rules: <http://www.mrrc.net/mqp>

"Work Michigan Counties"

~~~~~

EA QRP Contest (CW) ...QRP Contest!!

Apr 20 - 1700z to 2000z (20 Meters)

Apr 20 - 2000z to 2300z (80 Meters)

Apr 21 - 0700z to 1300z (40 Meters)



Rules: [http://www.geocities.com/eaqrpclub\\_es/uk/uk.html](http://www.geocities.com/eaqrpclub_es/uk/uk.html)

"QRPP Category included"

~~~~~  
Ontario QSO Party (CW/SSB) ... QRP Category

Apr 20 - 1800z to Apr 21 - 1800x

Rules: <http://www.odxa.on.ca/oqprules.html>

"Work Ontario stations. Canada's friendliest amateur radio contest"

~~~~~  
QRP To The Field (CW) ...QRP Contest!!

Apr 27 - 1500z - 2400z (Pick any 6 hours)

Rules: <http://www.fix.net/~jparkers/norcal.htm>

"Water World Deja Vu"

~~~~~  
Helvetia Contest (CW/SSB) (Swiss) ...QRP Category

Apr 27 - 1300z to Apr 28 - 1300z

Rules: <http://www.sk3bg.se/contest/helvc.htm>

"Work Swiss Cantons"

~~~~~  
Florida QSO Party (CW/Phone) ...QRP Category

Apr 27 - 1600z to Apr 28 - 0159z and

Apr 28 - 1200z to 2159z

Rules: <http://www.qsl.net/fqp/rules.htm>

"Work Florida counties"

~~~~~  
Nebraska QSO Party (CW/SSB) ... QRP Category

Apr 27 - 1700z to Apr 28 - 1700z

Rules: <http://www.qsl.net/hdxa/neqso/neqso.htm>

"Work Nebraska counties. More points for QRP"

~~~~~  
Thanks to SM3CER, WA7BNM, ARRL and others  
for assistance in compiling this calendar.

Please foreward the contest info you sponsor to N2CQ@ARRL.NET and  
we will post it and give it more publicity.  
Anyone may use this "N2CQ QRP Contest Calendar" for your website, newsletter,  
e-mail list or other media as you choose.  
(Include a credit to the source of this material of course.)

|                   |                                                                                                             |
|-------------------|-------------------------------------------------------------------------------------------------------------|
| 72 de             | **** QRP Contest Calendar ****                                                                              |
| Ken Newman - N2CQ | <a href="http://www.njqrp.org/data/contesting.html">http://www.njqrp.org/data/contesting.html</a>           |
| N2CQ@ARRL.NET     | <a href="http://www.n3epa.org/Pages/Contest/contest.htm">http://www.n3epa.org/Pages/Contest/contest.htm</a> |
|                   | <a href="http://www.qsl.net/cqrp/contests.html">http://www.qsl.net/cqrp/contests.html</a>                   |

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Date: Thu, 04 Apr 2002 17:21:34 -0500  
From: Steven Weber <kd1jv@moose.ncia.net>  
To: qrp-1@lehigh.edu  
Subject: [123978] Re: WPX Callsigns  
Message-ID: <3.0.6.32.20020404172134.007bab90@mailhost.ncia.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Is there a list of current and "odd ball" DX prefixe's we can down load  
someplace? Often I can't find them listed in my '96 Handbook, or I can't  
decide if it's really the right one or not.

72,  
Steve, KD1JV  
"Melt Solder"  
White Mountains of New Hampshire  
<http://www.qsl.net/kd1jv/>

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Date: Thu, 04 Apr 2002 22:39:52 +0000  
From: Larry Cahoon <lejek@erols.com>  
To: qrp-l@lehigh.edu  
Subject: [123979] State #9 Falls  
Message-ID: <5.1.0.14.0.20020404223508.0236ee18@pop.erols.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

The card came in today. N4ROA, our good friend in VA gave me his state at 2mWatts in the VA QSO party a few weeks back. Tnx Dan for adding another one to the list. That makes nine states confirmed at 2 mWatts on the way to WAS.

Setup on this end was the K1 through a Ten-Tec attenuator to cut the power back. The antenna was simple coax fed dipole.

73 de Larry.....WD3P in MD  
<http://www.qsl.net/wd3p/>

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End of QRP-L Digest 2515  
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